Supplemental Preliminary Amendment

Applicant: Wolfram Hable Serial No.: 10/510,455

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Title: POWER MODULE COM

POWER MODULE COMPRISING TWO SUBSTRATES AND METHOD FOR PRODUCING

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IN THE ABSTRACT

Abstract

Power-module having at least two substrates and a method for producing it

POWER MODULE HAVING AT LEAST TWO SUBSTRATES AND A METHOD FOR PRODUCING IT

Abstract

The invention relates to a power module 3-and a method for producing it. The power module-3 has a first substrate-1 having power semiconductor chips-4, and a second substrate 2 populated with signal semiconductor chips-5. The substrates-1 and 2 are oriented parallel one above the other, their placement sides-7 and 8 being arranged facing one another, and the second substrate-2, with the aid of bonding wires-9 bent in hingelike fashion, being held at a defined distance d from the first substrate-1 and being mechanically fixed in a plastic housing 18 and electrically connected.

[Figure 1]